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AZ CORP COMMISSION
DOCKET CONTROL

January 30, 2009



ORANGE COUNTY

50

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Hand Delivered

Ernest Johnson
Director of Utilities
Utilities Division
ARIZONA CORPORATION COMMISSION
1200 West Washington Street
Phoenix, Arizona 85007

**Re: Sulphur Springs Valley Electric Cooperative, Inc.'s Compliance with Decision
No. 69736 - In the Matter of Smart Metering Requirements of Section 1252 of
the Energy Policy Act of 2005
(Docket No. E-00000A-06-0038)**

Dear Mr. Johnson:

Sulphur Springs Valley Electric Cooperative, Inc., hereby submits the attached information regarding time-based rate schedules and advanced metering in compliance with Arizona Corporation Commission Decision No. 69736, dated July 30, 2007.

Please do not hesitate to contact me if you have any questions.

Very truly yours,

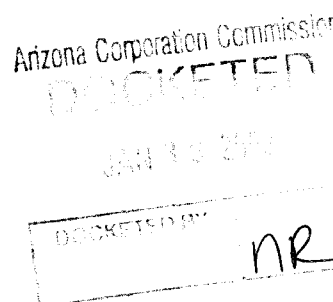
Snell & Wilmer

Bradley S. Carroll

BSC/jyb

Enclosure

cc: Docket Control (original plus 13 copies)
Brian K. Bozzo, Utilities Division Compliance Manager
Jack Blair, SSVEC



SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.

(Compliance with Decision No. 69736)

Time-of-Use Program

SSVEC has operated a time-of-use ("TOU") program since before 1984, when an off-peak irrigation rate was developed and subsequently implemented with support from an Arizona Energy Office Grant utilizing state oil overcharge funds. At that time, irrigation load made up approximately 20 percent of SSVEC's peak demand. Since then, irrigation load has decreased while peak demand, driven mainly by residential growth, has increased to 195 MW, of which controlled irrigation load makes up only about 15 MW. The irrigation load control program remains a critical component in SSVEC's load reduction and accounts for up to 15 MW of available demand reduction. There are currently several related programs including residential and commercial TOU, daily direct control, and weekly direct control. SSVEC's Commission-approved TOU-related tariffs are attached hereto as Attachment A. Additionally, SSVEC's TOU-related tariffs that have been proposed as part of its current rate case (Docket No. E-01575A-08-0328) are attached hereto as Attachment B.

Advanced Metering

In 2002, SSVEC installed its first Automated Meter Reading ("AMR") system utilizing then state-of-the-art technology from Hunt Technologies. Today, SSVEC operates three different AMR technologies. These systems are: (1) Turtle I (TS1) implemented in 2002 that currently serves 22,002 meters; (2) Turtle II (TS2) technology currently being implemented in the Sierra Vista area with 2830 meters to date and targeted to serve 28,000 meters by early 2011; and (3) TWAC technology implemented in 2007 at Fort Huachuca (the "Fort") with 1249 meters (note SSVEC operates the Fort's electric distribution system but does not sell energy to the Fort). These meters and systems are installed on a mix of loads, including residential, small commercial, large commercial, and irrigation.

The TS1 system is strictly an automated meter reading system restricted to one-way communication from the meter to substation receivers to the central server. In contrast, the TS2 system has full two-way communication between the meter, substation, and server. This newer system will replace a small portion of the existing TS1 system in the Sierra Vista area, but the majority of the project is being implemented to replace manually-read meters at this time. The replaced TS1 meters will be reused in other areas to effectively put SSVEC at 100 percent AMR/AMI. The TWAC system also supports full two-way communication. These two-way communication systems expand SSVEC's AMR program into a true Advanced Metering Infrastructure (AMI) system, which allows not only automated meter reading but actual control at the metering point. To complement this AMI implementation, SSVEC is installing fiber optic cable between substations and offices in the Sierra Vista area. To date, SSVEC has 27 miles of fiber installed or under construction. Once complete, this AMI system will allow SSVEC to not only capture detailed TOU information from a large sampling of customers, but also begin pilot programs to control loads beyond the meter, *e.g.* electric water heater control, air conditioning control, and lighting control. SSVEC has budgeted in 2009, and has received a proposal for, a \$200,000 Demand Side Management Study that will utilize much of the data available from the AMI to define a detailed demand-side management program.

Attachment A

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE

PO Box 820

Willcox, Arizona 85644

2003 SEP 17 A 11:41

**EXPERIMENTAL
SCHEDULE RT
RESIDENTIAL TIME OF USE**

AZ CORP COMMISSION
DOCUMENT CONTROL

Effective: On or about November 1, 2003 and billed beginning with the December 1, 2003 cycle billings.

Availability

Available to residential consumers requiring 50 kVA or less of single-phase service for all home use throughout the Cooperative service area where the facilities of the Cooperative are of adequate capacity and are adjacent to premises subject to the rules and regulations of the Cooperative. Consumer receiving service through Rate Schedule RT must meet SSVEC selection requirements and agree to energy monitoring in the home. Consumer participation will be completely voluntary and by written agreement. The Cooperative limits the number of customers served under the RT, GT and PT rates to a maximum of 5 MW of installed load. The cooperative reserves the right to change the limit should system characteristics change. Billing under this rate schedule would become effective beginning with the next regular meter reading after the signed agreement is received by the Cooperative and after the Cooperative has installed the appropriate meter for Time of Use.

Applicability

Applicable to single-phase residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter.

Not applicable for resale, breakdown, or standby of auxiliary service.

Character of Service

Single-phase, 60 cycles, nominal 120/240 volts, 120/208 volts, 3 wire, and limited to individual motors of 10 HP or less that will not cause excessive voltage fluctuations, supplied through one set of service wires and metered through one meter.

Monthly Rate

Customer Charge:	\$11.40 per month
Plus	
Energy Charge:	
All kWh used during On-Peak Hours	\$0.14050 per kWh
All kWh used during Off-Peak Hours	\$0.07319 per kWh
Plus taxes, assessments and adjustments as described below.	

RT-RT-1

Summer Hours

Peak hours beginning April 16 and continuing through October 15 shall be 2 p.m. through 7 p.m., Monday through Saturday. All other hours Monday through Saturday shall be off-peak.

Winter Hours

Peak hours beginning October 16 and continuing through April 15 shall be 6:30 a.m. through 10 a.m. and 6 p.m. through 9:30 p.m., Monday through Friday. All other hours Monday through Friday, and all day Saturday shall be off-peak.

Sundays and Holidays

All Sundays and New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving and Christmas shall be off-peak for the entire day.

Minimum Bill

The minimum bill for single-phase service shall be \$11.40 per month up to 15 kVA of transformer capacity. Over 15 kVA of transformer capacity will be charged at \$1.50 per kVA or fraction thereof. Payment of the minimum kVA charge shall entitle the member in all cases to the use of the number of kilowatt hours corresponding under the appropriate rate schedule and the service availability charge, excluding any billings made under the Wholesale Power Rate Adjustment Clause.

Tax and Assessment Charge

Billing under this schedule will be increased by an amount equal to the sum of all Federal, State, County, Municipal and other governmental levies, gross receipts, license fees, and other impositions of similar character assessed on the basis of gross revenue of the Cooperative and/or the revenue from the electricity or services sold and/or the kilowatt hours of electricity generated or purchased for sale and/or sold hereunder. In case an increase in rates of existing taxes of this character or addition new taxes, licenses or fees based upon generation, distribution, purchase, and/or sale of electric power current or energy shall be imposed upon or required to be paid by the Cooperative, the rates herein may be increased by a surcharge equal to the amount of the cost per kWh, or per consumer, or per demand, capacity, or other applicable unit of charge for such new or additional taxes, licenses or fees.

Wholesale Power Rate Adjustment

The rates are subject to the imposition of any wholesale power adjustment that may be established and approved for billing by the Arizona Corporation Commission from time to time under their established procedures.

Meter Readings

All meter readings and billings shall be based on actual meter readings. Meter readings and billings will be made as closely as practical on the same day of each month on a cycle basis. Meter readings shall be scheduled for periods of not less than 25 days or more than 35 days.

Terms of Payment

Billing made under this rate schedule will be due and payable upon receipt and past due ten (10) days from the date the bill is mailed. Service will be subject to disconnect in accordance with the Cooperative's collection policy.

Rules and Regulations

Service charges, collection policy, standard rules and regulations of the Cooperative, as filed and approved from time to time, shall apply where not inconsistent with this rate schedule. Service availability charge and/or monthly minimum may be increased to prove economic feasibility for any service requiring new line construction in excess of Cooperative's established free distance.

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.

PO Box 820

Willcox, Arizona 85644

2003 SEP 17 A 11:41

**EXPERIMENTAL
SCHEDULE PT**

GENERAL POWER SERVICE TIME OF USE

AZ CORP COMMISSION
DOCUMENT CONTROL

Effective: On or about November 1, 2003 and billed beginning with the December 1, 2003 cycle billings.

Availability

Available to consumers located along existing electric distribution lines of the Cooperative who use the Cooperative's standard service for single or three-phase service and who guarantee a monthly billing capacity as specified by the service application or contract of more than 50 kVA. Consumer receiving service through this schedule must meet SSVEC selection requirements and agree to energy monitoring on the site receiving electric service. Service under this schedule will be furnished only on a twelve (12) month, non-seasonal basis in accordance with the Cooperative's general rules, terms and conditions, available at the Cooperative's office, which general rules or subsequent revisions therefore are a part of this schedule as if fully written herein.

Consumer participation will be completely voluntary and by written agreement. The Cooperative limits the number of customers served under the RT, GT and PT rates to a maximum of 5 MW of installed load. The cooperative reserves the right to change the limit should system characteristics change. Billing under this rate schedule will become effective beginning with the next regular meter reading after the signed agreement is received by the Cooperative and after the Cooperative has installed the appropriate meter for Time of Use.

Applicability

Applicable for all of the consumer's electric service requirements, single- and three-phase, wherever three-phase service is supplied by the Cooperative. Where only single-phase service is supplied, this schedule is an optional schedule available to a consumer upon his or her written request.

Character of Service

The type of secondary service available under this schedule will, at the Cooperative's option, be normally as follows:

120/240 Volts, Single Phase, 3 Wire
240/480 Volts, Single Phase, 3 Wire
120/208 Volts, Single Phase, 3 Wire (Network)

120/240 Volts, Three Phase, 4 Wire, *
240/480 Volts, Three Phase, 4 Wire, *

120/208 Volts, Three Phase, 4 Wire, Y
277/480 Volts, Three Phase, 4 Wire, Y

PT-PT-1

- * Not available to consumers served from underground primary systems, except where open Delta transformer connection is used at the option of the Cooperative.

All service is to be supplied through a single set of service wires. Any special transformers required for lighting shall be furnished by the consumer. The primary voltage required for service will be determined by the Cooperative taking into consideration consumer's capacity requirements.

Monthly Rate

The monthly billing shall be the sum of (a) the Service Availability Charge, (2) the Capacity Charge, (3) the Energy Charge, plus taxes and minimums set forth below:

- | | |
|----------------------------------|---|
| (1) Service Availability Charge: | \$43.84 per month ** |
| (2) Capacity Charge: | |
| On-Peak hours | \$17.00 per kVA of On Peak Capacity |
| Off-Peak hours | \$4.09 per kVA of Max. Billing Capacity |
| (3) Energy Charge: | \$0.03469 per all kWh used |

- ** Service Availability Charge subject to adjustment where necessary to prove economic feasibility of a new service requiring lines in excess of Cooperative's free distance.

Summer Hours

Peak hours beginning April 16 and continuing through October 15 shall be 2 p.m. through 7 p.m., Monday through Saturday. All other hours shall be off-peak.

Winter Hours

Peak hours beginning October 16 and continuing through April 15 shall be 6:30 a.m. through 10 a.m. and 6:00 p.m. through 9:30 p.m., Monday through Friday. All other hours shall be off-peak.

Sundays and Holidays

All Sundays and New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving and Christmas shall be off-peak for the entire day.

Determination of Maximum Billing Capacity and On-Peak Capacity

The Maximum Monthly kVA Metered Capacity shall be determined by means of suitable kVA or equivalent capacity demand meter.

The Maximum Billing Capacity shall be the greater of the following:

- (1) The Maximum Monthly kVA Metered Capacity for the billing period,
- (2) 50 kVA,
- (3) 80% of the highest Maximum Monthly kVA Metered Capacity established during the previous eleven (11) months,
- (4) 60% of the installed substation capacity to serve the customer's load, or

- (5) The contract capacity specified in the consumer's service application.

The On-Peak Capacity shall be determined by:

- (1) Measurement by taking the highest 15-minute integrated or equivalent thermal kW capacity during On-Peak Hours and dividing same by the power factor as determined by suitable means.
- (2) Means of a suitable kVA or equivalent capacity demand meter which records the highest 15-minute integrated capacity during the On-Peak hours.

Where highly fluctuating or intermittent loads (such as welding machines, electric furnaces, hoists, elevators, X-rays and the like) are in operation by the consumer, the Cooperative reserves the right to determine the billing demand by averaging consumer's total load over a two-minute period or by increasing the fifteen-minute measured maximum capacity by an amount equal to 50% of the rated kVA capacity determined from the nameplate of the fluctuating equipment in operation by the consumer. Where such fluctuating loads require additional or separate transformers or additional system capacity, an additional separate capacity charge will be made based on a special study of the consumer's requirements.

Monthly Minimum Charge

The monthly minimum charge under this schedule shall be the sum of the above service availability, capacity and energy charges but not less than the ratcheted kVA of billing capacity nor less than \$250.00 per month, nor less than the minimum charge specified in consumer's service application or contract with the Cooperative. Monthly minimum shall not include any billing made under the Wholesale Power Rate Adjustment Clause.

Metering and Billing kWh

For each service location, the Cooperative reserves the right to use either a single combination single- and three-phase meter or separate single- and three-phase meters, in which event the maximum demand and kWh readings will be added arithmetically and a single bill under the above rates will be rendered to the consumer.

Wholesale Power Rate Adjustment

The rates are subject to the imposition of any wholesale power adjustment which may be established and approved for billing by the Arizona Corporation Commission from time to time under their established procedures.

Terms of Payment

Billing made under this rate schedule will be due and payable upon receipt and past due ten (10) days from the date the bill is mailed. Service will be subject to disconnection in accordance with the Cooperative's collection policy.

Meter Readings

Meter readings and billings will be made as closely as practical on the same day of each month. Meter readings shall be scheduled for periods of not less than 25 days nor more than 35 days.

Tax and Assessment Clause

Billing under this schedule shall be increased by an amount equal to the sum of all Federal, State, County, Municipal, and governmental levies, gross receipts, license fees and other impositions of similar character assessed on the basis of gross revenue of the Cooperative and/or the revenue from the electricity or services sold and/or the kilowatt hours of electricity generated or purchased for sale and/or sold hereunder. In case an increase in rates of existing taxes of this character or additional new taxes, licenses or fees based upon generation, distribution, purchase and/or sale of electric power current or energy, shall be imposed upon or required to be paid by the Cooperative, the rates herein must be increased by a surcharge equal to the amount of the cost per kWh, or per consumer or per demand, capacity, or other applicable unit of charge for such new or additional taxes, licenses or fees.

Furnishing of Service Transformer and Associated Equipment

Where individual or unusual substation installations are required to serve the consumer, the Cooperative reserves the right to require the consumer to make, at the consumer's expense, the necessary, complete installation (consisting of transformer, structure, protecting devices, etc.) required to provide adequate service to the consumer and in such event the consumer will own, operate and maintain said installation but will benefit by making a savings of \$1.50 per kVA of capacity as provided in the rate above. The above rates are based upon metering at Cooperative's available primary voltage at the consumer's premises. The Cooperative reserves the right at the consumer's requirements at secondary voltage, in which event the kWh and kW or kVA multiplied by a factor ranging from 1.02 through 1.10 to allow for transformation losses depending upon the consumer's transformer impedance data.

Use of Service

Service shall not be resold by the consumer or shared by others.

Contract Provisions

Service will be rendered under this schedule, upon application by the consumer, for an initial contract period of not less than twelve months or longer depending upon the investment required to supply consumer's requirements, revenue to be received from consumer, and other considerations.

For temporary, seasonal, or unusual service or extension, reference is made to the Cooperative's general rules, terms and conditions covering same and in such cases the minimum charge condition, furnishing of substation equipment, connection and disconnection of service, financing of service facilities required, etc., will be covered by special agreement with consumer, and the consumer shall pay for all expenses involved in connection with the furnishing of any temporary service. Service will be rendered under Schedule SP (Seasonal Power).

Rules and Regulations

Service charges, collection policy, standard rules and regulations of the Cooperative, as filed and approved from time to time, shall apply where not inconsistent with the rate schedule.

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.

PO Box 820
Willcox, Arizona 85644

2003 SEP 17 A 11:41

**EXPERIMENTAL
SCHEDULE GT**

AZ CORP COMMISSION
DOCUMENT CONTROL

**GENERAL SERVICE & SMALL POWER TIME OF USE
SINGLE- AND THREE-PHASE SERVICE**

Effective: On or about November 1, 2003 and billed beginning with the December 1, 2003 cycle billings.

Availability

Available to consumers who require less than 50 kVA transformer capacity and located along the existing electric distribution system of the Cooperative for single and/or three-phase service for commercial lighting, small power, other commercial or business uses, farm use, water pumps such as individually metered domestic and stock wells, and all public buildings. This rate schedule is an optional schedule for irrigation and commercial water service for all pumps requiring less than 50 kVA of transformer capacity.

Single-phase motors will be limited to 10 HP and of a type that will not cause excessive voltage fluctuations. This rate shall also be available to residential service requiring three-phase service. Consumers receiving service through Rate Schedule GT must meet SSVEC selection requirements and agree to energy monitoring on the site receiving electric service. Consumer participation will be completely voluntary and by written agreement. The Cooperative limits the number of customers served under the RT, GT and PT rates to a maximum of 5 MW of installed load. The Cooperative reserves the right to change the limit should system characteristics change.

Billing under this rate schedule would become effective beginning with the next regular meter reading after the signed agreement is received by the Cooperative and after the Cooperative has installed the appropriate meter for Time of Use.

Applicability

Applicable for commercial use including service used by retail or wholesale business, small manufacturing or processing establishments, tourist or trailer camps, motels, stores, restaurants, service stations, professional offices, public buildings, churches, seasonal farm uses such as feed grinders, etc., option for smaller pumps used for irrigation purposes, domestic and stock wells, sewage pump stations, apartments where more than one unit is served from an individual meter, and all other uses, including normal residential or home use, under conditions provided in the preceding paragraph. Except in cases of master metered mobile home parks, service under this schedule shall not be resold or shared with others.

Character of Service

The type of service available under this schedule will be normally applied through a single set of service wires.

GT-GT-1

120/240 Volts, Single Phase, 3 Wire
240/480 Volts, Single Phase, 3 Wire
120/208 Volts, Single Phase, 3 Wire (Network)

120/240 Volts, Three Phase, 4 Wire, *
240/480 Volts, Three Phase, 4 Wire, *

120/208 Volts, Three Phase, 4 Wire, Y
277/480 Volts, Three Phase, 4 Wire, Y

- * Not available to consumers served from underground primary systems, except where open Delta transformer connection is used at the option of the Cooperative.

Where service is furnished through more than a single set of service wires or where consumer's service entrance switches are at different locations, a separate bill will be rendered for each different meter location.

Monthly Rate

The monthly billing shall be the sum of (a) the Service Availability Charge, (2) the Capacity Charge, (3) the Energy Charge, plus taxes and minimums set forth below:

- | | |
|----------------------------------|------------------------------------|
| (1) Service Availability Charge: | \$12.57 per month ** |
| (2) On Peak Capacity Charge: | \$17.00 per kW of Billing Capacity |
| (3) Energy Charge: | \$0.06739 per all kWh used |

- ** Service Availability Charge subject to adjustment where necessary to prove economic feasibility of a new service requiring lines in excess of Cooperative's free distance.

Summer Hours

Peak hours beginning April 16 and continuing through October 15 shall be 2 p.m. through 7 p.m., Monday through Saturday. All other hours Monday through Saturday shall be off-peak.

Winter Hours

Peak hours beginning October 16 and continuing through April 15 shall be 6:30 a.m. through 10 a.m. and 6 p.m. through 9:30 p.m., Monday through Friday. All other hours Monday through Friday, and all day Saturday shall be off-peak.

Sundays and Holidays

All Sundays and New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving and Christmas shall be off-peak for the entire day.

Determination of Billing Capacity

The Billing Capacity shall be the highest 15-minute integrated or equivalent thermal kW demand determined to the nearest kW by means of suitable metering equipment or estimate during the peak hours. Where separate meters are installed for single- and three-phase service, the Billing Capacity shall be the arithmetic sum of the maximum capacities recorded on each meter.

Whenever the power factor at the time of maximum capacity is less than ninety percent (90%), the billing capacity may be determined on the basis of kVA capacity instead of kW capacity.

Minimum Bill

The minimum monthly charge for any period that service is established shall apply for a period of not less than four consecutive months where only single-phase service is supplied and for not less than six consecutive months (or longer as may be specified in Cooperative's service agreement) where three-phase service is supplied. The monthly minimum charge may, at option of Cooperative, be determined on a separately metered basis for both single- and three-phase service but shall in no event be less than the highest minimum charge when computed or determined by any of the following methods. Monthly minimum shall not include any billings made under the Wholesale Power Adjustment Clause.

- (1) For single-phase service: The minimum charge shall be \$12.57 for the first 10 kVA of installed transformer capacity, plus \$1.50 for each kVA of transformer capacity in excess of 10 kVA.
- (2) For three-phase service: \$1.50 per kVA of transformer capacity installed or where demand metering equipment is installed, the minimum charge shall be the ratcheted kVA of billing capacity as determined below but not less than \$26.50 nor less than the minimum charge specified in consumer's service application or contract.
- (3) For combined single- and three-phase service: The sum of the minimum charges as determined under (1) and (2) above but not less than \$26.50. To determine the minimum charge, the Cooperative reserves the right to meter the three-phase service separately from the single-phase service. In such event the total minimum charge will be the rate billing for single-phase service or its applicable minimum charge (whichever is higher) PLUS incremental energy charge billing for three-phase service or its applicable three-phase minimum charge (whichever is higher).
- (4) Special installations: Where installations are of unusual character as to electric usage requirements and/or investments, the monthly minimum charge will be determined by the Cooperative and set forth in the service application or contract with consumer.

Tax and Assessment Clause

Billing under this schedule will be increased by an amount equal to the sum of all Federal, State, County, Municipal and other governmental levies, gross receipts, license fees, and other impositions of similar character assessed on the basis of gross revenue of the Cooperative and/or the revenue from the electricity or services sold and/or the kilowatt hours of electricity generated or purchased for sale and/or sold hereunder. In case an increase in rates of existing taxes of this character or addition new taxes, licenses or fees based upon generation, distribution, purchase,

and/or sale of electric power current or energy shall be imposed upon or required to be paid by the Cooperative, the rates herein may be increased by a surcharge equal to the amount of the cost per kWh, or per consumer, or per demand, capacity, or other applicable unit of charge for such new or additional taxes, licenses or fees.

Wholesale Power Rate Adjustment

The rates are subject to the imposition of any wholesale power adjustment that may be established and approved for billing by the Arizona Corporation Commission from time to time under their established procedures.

Meter Readings

All meter readings and billings shall be based on actual meter readings. Meter readings and billings will be made as closely as practical on the same day of each month on a cycle basis. Meter readings shall be scheduled for periods of not less than 25 days or more than 35 days.

Terms of Payment

Billing made under this rate schedule will be due and payable upon receipt and past due ten (10) days from the date the bill is mailed. Service will be subject to disconnect in accordance with the Cooperative's collection policy.

Rules and Regulations

Service charges, collection policy, standard rules and regulations of the Cooperative, as filed and approved from time to time, shall apply where not inconsistent with this rate schedule. Service availability charge and/or monthly minimum may be increased to prove economic feasibility for any service requiring new line construction in excess of Cooperative's established free distance.

Other Provisions

- (1) All service shall be delivered through a single set of service wires at a single service location to be designated by the Cooperative.
- (2) Normally only single-phase service is available by the Cooperative and all motors shall be for single-phase operation. Service will not be furnished where individual single-phase motors in excess of 10 HP are installed except where written permission is granted by the Cooperative.
- (3) The Cooperative furnishes three-phase service (normally where motors larger than 10 HP are required) only where such service is already available immediately adjacent to service after giving consideration to the investment required and probable use of three-phase service by the consumer.
- (4) See Cooperative's general rules, terms and conditions for further details pertaining to availability of special three-phase service for intermittent loads such as X-rays, welders, etc.

- (5) For each service location, the Cooperative reserves the right to use either a single combination meter or separate single- and three-phase meters, in which event the kWh and capacity meter readings will be added arithmetically and a single bill under the above rates will be rendered to the consumer.
- (6) The Cooperative reserves the right to meter consumer's requirements in the most practical manner, either primary or secondary voltage, and the billing kWh shall be the metered kWh in either case.
- (7) All three-phase service shall be billed under this schedule or other applicable three-phase schedules of the Cooperative.
- (8) The Cooperative reserves the right to increase service availability charge, minimum period of service, and/or to increase the minimum charge where an unusual investment is required as compared to the estimated or probable revenue to be received.

Sulphur Springs Valley Electric Cooperative, Inc.
P. O. Box 820
Willcox, Arizona 85644

SCHEDULES I-S, I-L, CD & CW

Effective: For electrical usage beginning on or about August 1, 1993 and billed beginning with September, 1993 cycle billings.

(Replaces Schedules 1-S, 1-L, CD & CW dated September 1, 1988)

Availability

Available to irrigation, commercial and municipal water systems throughout the Cooperative's service area where the facilities of the Cooperative are of adequate capacity and are adjacent to the premises. The number of consumers using "Controlled" rates may be limited by the Cooperative as hereafter provided in this schedule.

Applicability

To irrigation pumps and pumpback systems used only for irrigating land used for agricultural purpose and pumps used for commercial and municipal water systems, single phase motors will be limited to 10 HP and of a type which will not cause excessive voltage fluctuations. The Cooperative may limit the maximum horsepower rating of motors where such may cause interference to other consumers. Normally motors over 10 HP will be 3-phase. Subject to all terms and conditions contained in this rate schedule.

Type of Service

Service will be delivered through a single set of service wires and through one metering point.

120/240 Volts, Single Phase, 3 Wire
240/480 Volts, Single Phase, 3 Wire
120/240 Volts, Three Phase, 4 Wire, Δ *

240/480 Volts, Three Phase, 4 Wire, Δ *
277/480 Volts, Three Phase, 4 Wire, Y

*

Not available to consumers served from underground primary systems, except where open Delta transformer connection is used at the option of the Cooperative.

Schedule I-S

Schedule I-S (Summer) is the Cooperative's General Irrigation Schedule for all usage beginning with March-April usage (April's cycle billing) and ends with September-October usage (October's cycle billing). The following rate applies to all irrigation accounts during this period unless contracted for one of the following special irrigation services.

Rate I-S (Summer Season) Monthly Rate

Service Availability**	\$25.00 **
Demand	\$6.50 per kVA of billing capacity
Energy -All kWh	@ 6.59 cents

Rate I-S (Winter Season) Monthly Rate

The Cooperative's General Winter irrigation rate for October-November usage (November's cycle billing) and ending with February-March usage (March's cycle billing) for all accounts served during the summer under Schedule I-S.

Service Availability	\$25.00 **
Energy	300 kWh per kVA @ 9 29 cents
	All other kWh @ 6.5 cents

The above capacity and energy charges are subject to the Wholesale Power Rate Adjustment set forth hereafter.

Determination of KVA Billing Capacity

The monthly kVA billing capacity shall be normally determined by measurement by taking the highest 15 minutes integrated or equivalent thermal kW capacity and dividing same by the power factor as determined by a ratcheted KVARH meter or by the power factor as may be determined by Cooperative by means of periodic tests made by suitable metering equipment. The monthly kVA billing capacity may also be determined by means of suitable kVA or equivalent capacity demand meters. All capacities shall be determine to the nearest kVA.

The monthly billing capacity shall be 100% of the kVA capacity as determined above.

** Service availability charge is subject to adjustment where necessary to prove economic feasibility of a new service in excess of Cooperative's extension policy.

Rate I-L Load Factor Monthly Rate

Must be connected five (5) consecutive months or longer.

Monthly minimum bill of \$28.75 per kVA of billing capacity.

Service Availability \$30.00 plus

All kWh usage @ 6.80 cents (Service Availability and kWh usage allowed for the minimum).

KVA of billing capacity shall be established the first month of the contracted period based upon actual meter reading(s). The demand established during the first month shall be applicable for billing purposes for the duration of the irrigation season unless changes are made in the pumping facility which result in a higher kVA demand. The higher kVA demand would be used for the balance of the contract term.

Schedule I-L is an optional rate for Schedule I-S and is available only upon written agreement with individual consumers who are willing to guarantee minimum monthly load factor usage for a five (5) consecutive month pumping season. Multiple pumps may be combined in one contract and usage averaged for billing purposes under this rate schedule.

Rate CD & CW
Controlled Irrigation Monthly Rate

Service Availability	\$25.00 **
150 kWh per kW	@ * 9.29 cents
Next 150 kWh per kW	@ * 8.95 cents
All other kWh	@ * 6.45 cents

(Plus \$5.55 per kW penalty if controls are overridden during a peak period)

** Service availability charge is subject to adjustment where necessary to provide economic feasibility of a new service in excess of Cooperative's extension policy.

* For accounts which are subject to weekly control, amount billed for first 300 kWh per kW will be reduced 7% each month if kWh usage exceeds 300 kWh per kW and controls are not overridden during a "cut off" period. Discount does not apply to the Service Availability Charge or kWh billed at 6.45 cent rate block.

* For accounts which are subject to daily control, amount billed for first 300 kWh per kW will be reduced 19% each month if kWh usage exceeds 300 kWh per kW and controls are not overridden during a "cut off" period. Discount does not apply to the Service Availability Charge or kWh billed at 6.5 cent rate block.

Service under Schedule CD & CW will be offered only by special contract and will be initiated only after the contract has been fully executed, returned to and accepted by the Cooperative. Service will be interrupted by use of radio controlled switch equipment. Each installation will be metered to record demand if service is used outside the established time period. If a demand is recorded, then an additional charge of \$5.55 per kW will be billed in addition to the other charges due for that billing period.

KW of billing capacity shall be established the first month of the contracted period by actual meter reading. The demand established during the first month shall be applicable for billing purposes for the duration of the irrigation season unless changes are made in the pumping facility.

The consumer will pay the Cooperative a one time charge of \$125.00 to share the cost of installing the necessary control equipment.

The Cooperative reserves the right to assign the day of control and to make periodic reassignments if necessary for all accounts served as "weekly control".

The Cooperative reserves the right to cancel service, provided under its controlled irrigation rates, if the Consumer overrides the load control equipment two or more times in a twelve (12) month period, and/or if the annual kWh usage indicates the service has an annual load factor less than 10% a calendar year.

Minimum Charges

The minimum charge for each twelve (12) month period or less an irrigation service is connected shall be not less than \$300.00 or \$30.00 per kVA of consumer's highest monthly kVA billing demand, whichever is greater. Total billings made as normal service availability charge, demand and energy charges or monthly minimums shall apply to this minimum charge. Any amount billed as wholesale power rate adjustments and as sales tax shall not apply to the minimum. If service is disconnected prior to utilizing the established minimum, or if the minimum has not been used by the end of twelve (12) consecutive monthly billing cycles, whichever occurs first, the remaining amount due as minimum charges shall be due and payable. The monthly minimum billing shall be \$25.00 for single phase and three phase service.

Any amount billed as wholesale power rate adjustment shall be in addition to the annual or monthly minimum

Tax and Assessment Clause

Billing under this schedule will be increased by an amount equal to the sum of all Federal, State, County, Municipal and other governmental levies, gross receipts, license fees and other impositions of similar character assessed on the basis of gross revenue of the Cooperative and/or the revenue from the electricity or services sold and/or the kilowatt hours of electricity generated or purchased for sale and/or sold hereunder. In case an increase in rates of existing taxes of this character or additional new taxes, licenses or fees based upon generation, distribution, purchase and/or sale of electric power current or energy, shall be imposed upon or required to be paid by the Cooperative, the rates herein may be increased by a surcharge equal to the amount of the cost per kWh, or per consumer, or per demand, capacity, or other applicable unit of charge for such new or additional taxes, licenses or fees.

Wholesale Power Rate Adjustment

The foregoing rates are based upon the cost of wholesale power as established by the rate hearing approving this schedule. The rates are subject to the imposition of any wholesale power adjustment which may be established and approved for billing by the Arizona Corporation Commission from time to time under their established procedures.

Power Factor Adjustment

The consumer agrees to maintain unity power factor as nearly as practical.

Meter Readings

All meter readings and billings shall be in units of 10 kWh with the right hand dial of the meter always reading as zero (0). Meter readings and billings will be made as closely as practical on the same day of each month on a cycle basis. Meter readings shall be scheduled for periods of not less than 25 days nor more than 35 days.

Terms of Payment

Billing made under this rate schedule will be due and payable ten (10) days from the date the bill is mailed and delinquent thereafter. Service will be subject to disconnection in accordance with the Cooperative's collection policy.

Rules and Regulations

Service charges, collection policy, standard rules and regulations of the Cooperative, as filed and approved from time to time, shall apply where not inconsistent with this rate schedule.

Extended Billing Periods

Service connections or disconnections for all rates where only Service Availability and kWh are billed, performed within ten (10) days of the regular meter reading date for the consumer's billing cycle, shall establish extensions of the current billing period. However, when service is made available to the consumer for a period of more than ten (10) days before or after the regular meter reading date, a separate billing period shall be established with respect to all applicable charges. If the consumer changes service location under the same rate schedule, any energy use during an extended final billing period at the former address shall be added to energy use during the first billing period at the new address. For rates which provide for a demand charge, the established extensions of a billing period shall be fifteen (15) days.

Attachment B

ELECTRIC RATES

SULPHUR SPRINGS VALLEY
ELECTRIC COOPERATIVE, INC.
P.O. Box 820
Willcox, Arizona 85644-0820

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Effective Date: _____ 1, 2009

STANDARD OFFER TARIFF

RESIDENTIAL TIME-OF-USE SERVICE SCHEDULE RT

Availability

Available for Residential Use throughout the Cooperative's Service Area where the facilities of the Cooperative are of adequate capacity subject to the Cooperative's Service Conditions. Billing under this rate schedule shall become effective beginning with the next regular Meter reading after the Customer has requested service under this schedule and after the Cooperative has installed the appropriate Meter.

Applicability

To all Single Family Dwellings when all service is supplied at one Point of Delivery through a single Service Line and Energy is metered through one Meter. Service is limited to individual motors of 10 HP or less that will not cause excessive voltage fluctuations.

Not applicable for resale, breakdown, or standby auxiliary service.

Monthly Rate

STANDARD RATE RT							
	Power Supply		Distribution Charges				Total Rate
			Metering	Meter Reading	Billing	Access	Total
Service Availability Charge (\$/Customer/Mo)			\$7.26	\$1.10	\$4.59	\$3.55	\$16.50
Energy Charge (\$/kWh/Mo)							
All On-Peak kWh	\$0.1417					\$0.0453	\$0.0453
All Off-Peak kWh	\$0.0350					\$0.0430	\$0.0430

**RESIDENTIAL TIME-OF-USE
SCHEDULE RT**

Summer Hours beginning April 16 and continuing through October 15

On-Peak hours shall be 1 p.m. through 7 p.m., Monday through Sunday.

All hours not specified as On-Peak shall be Off-Peak.

Winter Hours beginning October 16 and continuing through April 15

On-Peak hours shall be 6:00 a.m. through 9 a.m. and 6 p.m. through 9:00 p.m., Monday through Sunday. All other hours shall be Off-Peak.

Monthly Minimum Charge

The monthly Minimum Charge shall be the greater of the following:

1. The Service Availability Charge; or
2. The amount specified in a written contract between the Cooperative and the Customer.

Billing Adjustments

This rate schedule is subject to the following billing adjustments:

1. Wholesale Power Cost Adjustment, Tariff Sheet No. 45.
2. Tax Adjustment, Tariff Sheet No. 45.
3. REST Adjustment, Tariff Sheet No. 45.
4. DSM Adjustment, Tariff Sheet No. 45.
5. Debt Cost Adjustment, Tariff Sheet No. 46.

Service Conditions

The Service Conditions of the Cooperative, on file with the ACC, shall apply to this schedule. Cooperative policy regarding Meter reading intervals, terms of payments, extended billing periods and collection policy, as filed and approved by the ACC, are stated and published in the Cooperative's Service Conditions.

ELECTRIC RATES

SULPHUR SPRINGS VALLEY
ELECTRIC COOPERATIVE, INC.
P.O. Box 820
Willcox, Arizona 85644-0820

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Effective Date: _____ 1, 2009

STANDARD OFFER TARIFF

GENERAL SERVICE & SMALL POWER TIME-OF-USE SINGLE- AND THREE-PHASE SERVICE SCHEDULE GT

Availability

Available to Customers who generally require less than 50 kVA transformer capacity as determined by the Cooperative and located along the existing Distribution Lines of the Cooperative for single- and/or three-phase service for commercial lighting, small power, other commercial or business uses, farm use, water pumps such as individually metered domestic and stock wells, and all public buildings. This rate schedule is an optional schedule for irrigation and commercial water service for all pumps requiring less than 50 kVA of transformer capacity.

Single-phase motors shall be limited to 10HP and of a type that will not cause excessive voltage fluctuations.

Billing under this rate schedule shall become effective beginning with the next regular Meter reading after the Customer has requested service under this schedule and after the Cooperative has installed the appropriate Meter.

Applicability

Applicable for commercial use including service used by retail or wholesale business, small manufacturing or processing establishments, tourist or trailer camps, motels, stores, restaurants, service stations, professional offices, public buildings, churches, seasonal farm uses such as feed grinders, etc., optional for smaller pumps used for irrigation purposes, domestic and stock wells, sewage pump stations, apartments where more than one unit is served from an individual Meter, and other non residential uses under conditions provided in the preceding section.

Except in cases of existing Master-Metered mobile home parks, service under this schedule shall not be resold or shared with others.

All service shall be delivered at one Point of Delivery through a single Service Line and Energy is metered through one Meter.

Service will not be furnished where individual single-phase motors in excess of 10HP are installed except where written permission is granted by the Cooperative.

**GENERAL SERVICE & SMALL POWER TIME-OF-USE
SINGLE- AND THREE-PHASE SERVICE
SCHEDULE GT**

The Cooperative furnishes three-phase service (normally where motors larger than 10 HP are required) only where such service is already available immediately adjacent to service after giving consideration to the investment required and probable use of three-phase service by the Customer.

Monthly Rate

STANDARD RATE GT								
	Power Supply		Distribution Charges					Total Rate
			Metering	Meter Reading	Billing	Access	Total	
Service Availability Charge (\$/Customer/Mo)			\$7.75	\$2.76	\$4.59	\$6.40	\$21.50	\$21.50
On-Peak Capacity Charge (\$/kW of Billing Capacity)	\$19.00							\$19.00
Energy Charge (\$/kWh) All kWh/month	\$0.0350		\$0.0533 \$0.0533					\$0.0883

Billing under this rate shall be the sum of the following:

1. The Service Availability Charge
2. The On Peak Capacity Charge
3. The Energy Charge
4. Any applicable billing adjustments

Summer Hours beginning April 16 and continuing through October 15

On-Peak hours shall be 1 p.m. through 7 p.m., Monday through Sunday.

All hours not specified as On-Peak shall be Off-Peak.

Winter Hours beginning October 16 and continuing through April 15

On-Peak hours shall be 6:00 a.m. through 9 a.m. and 6 p.m. through 9:00 p.m., Monday through Sunday. All other hours shall be Off-Peak.

**GENERAL SERVICE & SMALL POWER TIME-OF-USE
SINGLE- AND THREE-PHASE SERVICE
SCHEDULE GT**

Determination of Billing Capacity

The monthly Demand capacity shall be based on the highest 15 minute kW Demand determined using suitable metering equipment. All capacities determined to the nearest 1/10 of a kW.

Whenever the power factor at the time of maximum capacity is less than ninety percent (90%), the billing capacity may be determined on the basis of kVA capacity instead of kW capacity.

Monthly Minimum Charge

The monthly Minimum Charge for any period that service is established shall apply for a period of not less than four consecutive months where only single-phase service is supplied and for not less than six consecutive months (or longer as may be specified in Cooperative's service agreement) where three-phase service is supplied. The monthly Minimum Charge may, at the option of the Cooperative, be determined on a separately metered basis for both single- and three-phase service but shall in no event be less than the highest minimum charge when computed or determined by any of the following methods. The monthly Minimum Charge shall not include any billings made under the Billing Adjustments.

- (1) For single-phase service: The minimum charge shall be \$21.50.
- (2) For three-phase service: The minimum charge shall be \$50.00.
- (3) Special installations: Where installations are of unusual character as to electric usage requirements and/or investments, the monthly Minimum Charge will be determined by the Cooperative and set forth in the service Application with the Customer.

Billing Adjustments

This rate schedule is subject to the following billing adjustments:

1. Wholesale Power Cost Adjustment, Tariff Sheet No. 45.
2. Tax Adjustment, Tariff Sheet No. 45.
3. REST Adjustment, Tariff Sheet No. 45.
4. DSM Adjustment, Tariff Sheet No. 45.
5. Debt Cost Adjustment, Tariff Sheet No. 46.

Service Conditions

The Service Conditions of the Cooperative, on file with the ACC, shall apply to this schedule. Cooperative policy regarding Meter reading intervals, terms of payments, extended billing periods and collection policy, as filed and approved by the ACC, are stated and published in the Cooperative's Service Conditions.

ELECTRIC RATES

SULPHUR SPRINGS VALLEY
ELECTRIC COOPERATIVE, INC.
P.O. Box 820
Willcox, Arizona 85644-0820

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Effective Date: _____ 1, 2009

STANDARD OFFER TARIFF

LARGE POWER SERVICE TIME OF USE SCHEDULE PT

Availability

Available to Customers located along existing Distribution Lines of the Cooperative who require single- or three-phase service and who demonstrate or elect to pay a monthly billing capacity as specified by the service Application of more than 50 kVA. Service under this schedule shall be furnished only on a twelve (12) month, non-seasonal basis in accordance with the Cooperative's Service Conditions.

Billing under this rate schedule shall become effective beginning with the next regular Meter reading after the Customer has requested service under this schedule and after the Cooperative has installed the appropriate Meter.

Applicability

Where only single-phase service is supplied, this schedule is an optional schedule available to a Customer upon his or her written request. This rate is not available for irrigation Customers.

Except for existing Master Metered mobile home or RV parks, this service shall not be resold by the Customer or shared with others.

Monthly Rate

STANDARD RATE PT							
	Power Supply		Distribution Charges				Total Rate
			Metering	Meter Reading	Billing	Access	Total
Service Availability Charge (\$/Customer/Mo)			\$60.31	\$2.76	\$4.59	\$32.34	\$100.00

**CONTROLLED IRRIGATION SERVICE
SCHEDULES CD, CBW, & CW**

Minimum Charge

The Minimum Charge for each twelve (12) month period or less an irrigation service is connected shall be not less than \$345.00 or \$35.00 per kW of Customer's highest monthly kW billing demand, whichever is greater. Total billings made as normal service availability charge, demand and Energy charges or monthly minimums shall apply to this Minimum Charge. If Electric service is disconnected prior to utilizing the established minimum, or if the minimum has not been used by the end of twelve (12) consecutive monthly billing cycles, whichever occurs first, the remaining amount due as minimum charges shall be due and payable. The monthly Minimum Charge shall be \$25.00 for single phase and three phase service. In no case shall the Minimum Charge be less than established in the contract for service.

Billing Adjustments

This rate schedule is subject to the following billing adjustments:

1. Wholesale Power Cost Adjustment, Tariff Sheet No. 45.
2. Tax Adjustment, Tariff Sheet No. 45.
3. REST Adjustment, Tariff Sheet No. 45.
4. DSM Adjustment, Tariff Sheet No. 45.
5. Debt Cost Adjustment, Tariff Sheet No. 46.

Service Conditions

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**INTERRUPTIBLE SERVICE
SCHEDULE CD-LARGE**

Determination of Override Capacity

The over-ride penalty is applicable if controls are overridden during a peak period. The Override Capacity shall be the highest 15 minute kW Demand established during a peak period when controls are overridden as measured by using appropriate metering equipment.

Other Conditions

Service under this schedule will be offered only by contract and will be initiated only after the contract has been fully executed, returned to and accepted by the Cooperative. Service will be interrupted by use of radio-controlled switch equipment. Each installation will be metered to record demand if service is used outside the established time period. If a Demand is recorded, then an additional charge of \$19.00 per kW will be billed in addition to the other charges due for that billing period.

The Customer will pay the Cooperative the actual cost of the necessary control equipment including materials, equipment and labor. The Cooperative reserves the right to utilize the CD-Large rate for purposes of emergency load curtailment should conditions warrant.

Determination of Billing Capacity

The kW of billing capacity will be established by contractual agreement based upon 85% of the pump horsepower.

Monthly Minimum Charge

The Minimum Monthly Charge shall be the Service Availability Charge plus the Energy Charge and appropriate Billing Adjustments. The minimum annual kWh sales under this Tariff will be equal to 2000 hours multiplied by the KW of billing capacity. In no case shall the Minimum Charge be less than established in the contract for service.

Billing Adjustments

This rate schedule is subject to the following billing adjustments:

1. Wholesale Power Cost Adjustment, Tariff Sheet No. 45.
2. Tax Adjustment, Tariff Sheet No. 45.
3. REST Adjustment, Tariff Sheet No. 45.
4. DSM Adjustment, Tariff Sheet No. 45.
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